

NATURAL RESOURCES CONSERVATION SERVICE

VIRGINIA

OPERATION AND MAINTENANCE REQUIREMENTS

SEDIMENT BASIN

CODE 350

Land Owner/Operator_____

County_____ SWCD_____ Farm/Tract No. _____

Prepared By_____ Date_____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained sediment basin is an asset to the farm. This structure was designed and installed to entrap sediment and provide storage of runoff water for beneficial use. Estimated life span of this installation is at least _____ years. The life of the sediment basin can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- After each large storm, basins must be inspected and needed maintenance performed. When sediment storage is full, accumulated sediment must be removed or the basin must be redesigned and modified to restore capacity. Removed sediment must be disposed of in a manner that will not impact the basin, other waterways, and will be accordance with sound conservation methods.
- Periodically inspect the spillways and any control gates for proper functioning and for their ability to maintain the water level to design elevations. Immediately remove any blockage or obstructions in spillways. Make sure all structure drains are functional and soil is not being transported through the drainage system.
- Appurtenances such as trash racks, outlet structures and gates shall be kept free of trash and replaced when needed. Remove debris that may accumulate at the embankment and immediately upstream or downstream from the basin. Screens and/or rodent guards shall be kept in place. If fences are installed, they shall be maintained to prevent unauthorized or livestock entry.
- Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilization, and application of herbicides when necessary. Fertilize the established stand as needed to maintain a uniform vigorous stand. Periodic mowing may also be needed to control height. Trees can cause leaks and safety hazards and should not be permitted on the embankment or in the auxiliary spillway.
- Immediately repair any vandalism, vehicular, or livestock damage to any earthfills, spillways, outlets or other appurtenances.

- Eradicate or otherwise remove all rodents or burrowing animals and repair any damage caused by their activity.

Additional Operation and Maintenance Requirements Specific to this Plan:_____

[illegible]